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U.S. Patent Application Serial No. 09/274,771
Amendment dated June 23, 2004
Reply to OA of February 27, 2004

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A digital camera, having a normal image pickup mode in which images of an object are picked up one by one, a continuous image pickup mode in which images of an object are picked up continuously, a normally picked up image reproduction mode in which an image picked up in said normal image pickup mode is reproduced and a continuously picked up image reproduction mode in which an image picked up in said continuous image pickup mode is reproduced, comprising:

memory ~~means for~~ unit storing an image;

[[image]] display [[means]] unit for displaying an image;

first writing [[means]] unit for storing each image picked up in said normal image pickup mode in said memory [[means]] unit;

second writing [[means]] unit classifying into groups and storing in said memory [[means]] unit a plurality of images picked up in said continuous image pickup mode, session by session;

first selecting ~~means for~~ unit selecting, in said normally picked up image reproduction mode, a desired image among images stored in said memory [[means]] unit;

second selecting ~~means for~~ unit selecting, in said continuously picked up image reproduction mode, a desired image group among image groups stored in said memory [[means]] unit, and a desired image among a plurality of images belonging to the image group; and

first reading ~~means for~~ unit taking out the image selected by said first and second selecting [[means]] units from said memory [[means]] unit and applying the image to said [[image]] display [[means]] unit;

wherein said [[image]] display ~~means do~~ unit does not simultaneously display both reduced images obtained from the normal pickup mode and the continuous image pickup mode on one screen;

said second writing [[means]] unit forms a reduced image of each image and stores the reduced image together with each image to said memory [[means]] unit;

said digital camera further comprising

third selecting ~~means for~~ unit selecting, in said continuously picked up image reproduction mode, a predetermined number of reduced images among reduced images of predetermined images in respective image groups stored in said memory [[means]] unit; and

second reading [[means]] unit for reading the prescribed number of reduced images selected by said third selecting [[means]] unit from said memory [[means]] unit, forming an

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image of one image plane from said predetermined number of reduced images, and applying the image to said ~~[[image]]~~ display ~~[[means]]~~ unit; wherein

said second selecting ~~[[means]]~~ unit selects said image group by selecting a desired reduced image from the predetermined number of reduced images displayed on said ~~[[image]]~~ display ~~[[means]]~~ unit.

Claim 2 (canceled)

Claim 3 (currently amended): The digital camera according to claim 1, having a continuous reproduction mode in which a plurality of images belonging to a selected image group are continuously reproduced, comprising

third reading ~~means for~~ unit taking, in said continuous reproduction mode, a plurality of images belonging to the image group selected by said second selecting ~~[[means]]~~ unit and continuously applying the images to said ~~[[image]]~~ display ~~[[means]]~~ unit.

Claim 4 (currently amended): The digital camera according to claim 1, having a moving mode for moving an image, comprising

moving ~~means for~~ unit extracting, in said moving mode, an image selected by said second selecting ~~[[means]]~~ unit from the image group to which the image belongs, and storing the

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extracted image to said storing [[means]] unit of same directory as with an image picked up in said normal pickup mode.

Claim 5 (currently amended): The digital camera according to claim 1, having a copy mode for copying an image, comprising

copying [[means]] unit [[for]] forming a copy image of an image selected by said second selecting [[means]] unit and storing the copied image in said memory [[means]] unit of the same directory as for an image picked up in said normal image pickup mode, in said copy mode.

Claim 6 (currently amended): The digital camera according to claim 1, having an image deletion mode for deleting an image, and an image group deletion mode for deleting an image group, comprising

first deletion ~~means for~~ unit deleting, in said image deletion mode, the image selected by said first and second selecting [[means]] units among images stored in said memory [[means]] unit; and

second deletion [[means]] unit [[for]] deleting, in said image group deletion mode, an image group selected by said second selecting [[means]] unit, among image groups stored in said memory [[means]] unit.

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Claim 7 (currently amended): A digital camera, having a normal image pickup mode in which images of an object is picked up one by one, and a continuous image pickup mode in which images of an object are picked up continuously, comprising:

display unit displaying an image;

memory ~~means for~~ unit storing an image; and

storing ~~means for~~ unit forming directories for storing files of picked up image data in said memory ~~[[means]]~~ unit, storing each of the images picked up in said normal image pickup mode in one of said directories, and classifying into groups and storing a plurality of images picked up in said continuous image pickup mode, session by session of continuous image pickup, in another of the directories;

wherein said ~~[[image]]~~ display ~~means do~~ unit does not simultaneously display both reduced images obtained from the normal pickup mode and the continuous image pickup mode on one screen;

said storing ~~[[means]]~~ unit includes

first writing ~~means for~~ unit writing each image picked up in said normal image pickup mode to one of said directories, and

second writing ~~means for~~ unit writing a plurality of images picked up in said continuous image pickup mode, classified into groups session by session of continuous image pickup, in said another directory.

Claim 8 (canceled)

Claim 9 (currently amended): The digital camera according to claim 7, having a normally picked up image reproduction mode for reproducing an image picked up in the normal image pickup mode, and a continuously picked up image reproduction mode for reproducing an image picked up in said continuous image pickup mode, further comprising:

~~image display means for displaying an image;~~

first selecting ~~means for~~ unit selecting a desired image among images stored in said directory in said normally picked up image reproduction mode;

second selecting ~~means for~~ unit selecting a desired image group among image groups stored in said directory and a desired image among a plurality of images belonging to the image group, in said continuously picked up image reproduction mode; and

first reading ~~means for~~ unit taking an image selected by said first and second selecting ~~[[means]]~~ units from said directory and applying to said ~~[[image]]~~ display ~~[[means]]~~ unit;

said second writing ~~[[means]]~~ unit forms a reduced image of each image and stores the reduced image together with each image in said directory;

said digital camera further comprising

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third selecting ~~means for~~ unit selecting a predetermined number of reduced images among reduced images of predetermined images in respective image groups stored in said directory, in said continuously picked up image reproduction mode; and

second reading ~~means for~~ unit reading from said directory, a predetermined number of reduced images selected by said third selecting ~~[[means]]~~ unit, forming an image of one image plane from said predetermined number of reduced images and applying to said ~~[[image]]~~ display ~~[[means]]~~ unit; wherein

said second selecting ~~[[means]]~~ unit selects said image group by selecting a desired reduced image from the predetermined number of reduced images displayed on said ~~[[image]]~~ display ~~[[means]]~~ unit.

Claim 10 (canceled)

Claim 11 (currently amended): The digital camera according to claim 9, having a continuous reproduction mode for continuously reproducing a plurality of images belonging to a selected image group,

said digital camera further comprising

third reading ~~means for~~ unit taking a plurality of images belonging to the image group selected by said second selecting ~~[[means]]~~ unit from said directory and continuously applying to said ~~[[image]]~~ display ~~[[means]]~~ unit in said continuous reproduction mode.

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Claim 12 (currently amended): The digital camera according to claim 9, having a moving mode for moving an image, comprising

moving ~~means for~~ unit extracting the image selected by said second selecting ~~[[means]]~~ unit from the image group to which the image belongs, and storing the image in the same directory as for the image picked up in said normal image pickup mode, in said moving mode.

Claim 13 (currently amended): The digital camera according to claim 9, having a copy mode for copying an image, comprising

copying ~~means for~~ unit forming a copy image of an image selected by said second selecting ~~[[means]]~~ unit and storing image in the same said directory as with the image picked up in said normal image pickup mode, in said copy mode.

Claim 14 (currently amended): The digital camera according to claim 9, having an image deletion mode for deleting an image and an image group deletion mode for deleting an image group, comprising

first deleting ~~means for~~ unit deleting an image selected by said first and second selecting ~~[[means]]~~ units among images stored in said directory, in said image deletion mode, and

second deleting ~~means for~~ unit deleting the image group selected by said second selecting ~~[[means]]~~ unit among image groups stored in said directory, in said image group deletion mode.